

N O R T H E R N K E N T U C K Y
EMERGENCY
S E R V I C E S S C H O O L



May 14 - 16
2010
Northern Kentucky
University Student Center



**FEATURING THE FIRST ANNUAL NKESS
EXPLORER COMPETITION – FRIDAY MAY 14**

See page 3 for details and registration information



Visit our website for information and to register:

www.nkyess.org

N O R T H E R N K E N T U C K Y **EMERGENCY** S E R V I C E S S C H O O L

Registrations must made on-line at:

www.nkyess.org

You will have the option of paying by credit card or having an invoice sent to you.

Chiefs or Training Officers can submit multiple registrations for their department

Pre –Registration Fee: (by April 26)

Two Or More Days = \$ 70.00

One Day Only = \$ 35.00

Late Registration Fee: (after April 26)

Two Or More Days = \$ 100.00

One Day Only = \$ 50.00

Registration fees include Lunch and a T-shirt.

***Note:** *The price of two one-day classes is the same as a two day class (\$70.00 Pre-registration, \$100.00 Late registration).*

Pre-registration is recommended. Registration will not be complete until payment is received. Some classes may be cancelled due to low pre-registration.

No refunds for cancellations after April 26th or for no-shows. Substitution of a person attending class is allowed but must be done prior to class date to avoid being charged a separate fee.

Questions about registrations should be directed to:

Ron Becker

E-mail: rbecker@fortwright.com

Contact # (859)-331-2600

***** SPECIAL NOTES *****

Protective Clothing And Equipment

If the class description calls for personal protective equipment, it is the student's responsibility to provide equipment that meets current standards. Failure to bring NFPA compliant protective clothing or SCBA's will prevent you from participating in many hands-on activities in certain classes.

The Northern Kentucky Emergency Services School is not responsible for injuries or damage to protective clothing or equipment that may occur as a result of participation in these classes.

Age Limitation

Insurance regulations require that you must be at least 18 years old to attend classes, except for specifically marked Explorer classes and events.

Lunch

Lunch is included in the registration fee and will be provided at ALL classes. Lunch at the Student Center will include booths and information from our supporting vendors, so we appreciate your participation in the lunch program.

Coffee & Donuts

Coffee and donuts are provided during registration and morning breaks.



Explorers Night Competition

Where: Wilder City Building
520 Licking Pike
Wilder, KY 41071

When: Friday, May 14, 2010

Time: Check-In 5-6 PM

Competition begins at 6:30 PM

Teams will compete in the following 5 events:

Ladder Relay
Hose Event
Search & Rescue

Barrel Fill
“Fun” Event

Teams Requirements:

- Minimum of 5 participants age 21 years or younger
- Must be a recognized Explorer Group or Junior Firefighters
- Must be members of a Fire Department (verification by the Fire Chief is required for insurance purposes)

There is an entry fee of \$25.00 per team.
Contact Wanda Isaacs at nkess2007@hotmail.com to register.

N O R T H E R N K E N T U C K Y **EMERGENCY** S E R V I C E S S C H O O L

LIST OF SCHEDULED CLASSES

One Day – Saturday (Pages 5 – 7)

- 101 – Flashover Simulator
- 102 – Firefighter Survival (FC-0001)
- 103 – Aircraft Crash-Fire-Rescue
- 104 – Structure Fires – Staffing, Tactics, and FF Survival
- 105 – Training Records Update (Fire Commission)
- 106 – McMansions – Residential Strategy & Tactics
- 107 – Hybrid Vehicle Extrication

One Day – Sunday (Pages 7 – 9)

- 111 – Fire Instructor Bridge & Refresher Course
- 112 – Wildland Firefighting (S-190)
- 113 – Firefighter Rescue (FC-0002)
- 114 – **COURSE CANCELLED**
- 115 – EMS Instructor Orientation Course (KBEMS)
- 116 – Live Burn

Two Day – Saturday & Sunday

(Pages 9 – 13)

- 201 – Firefighter Basics / Explorers
- 202 – Engine Company Operations
- 203 – Basic Pump Operations
- 204 – Smoke Divers – Advanced SCBA Class
- 205 – NFA Arson Detection For First Responders
- 206 – NFA Incident Safety Officer
- 207 – ICS 400
- 208 – Farm & ATV Rescue
- 209 – Mass Casualty Inc. Mgmt.
- 210 – **COURSE CANCELLED**
- 211 – **COURSE CANCELLED**
- 212 – Fire Inspector
- 213 – Fire & Life Safety Educator
- 214 – NFPA 1403 Train-the-trainer

Extended (3 Or 4 Day) Classes

(Pages 13 – 14)

- 301 – EMT Basic & Paramedic Refresher (Fri – Sat - Sun)
- 302 – Fire Instructor Level 1 (will also meet May 22 & 23)
- 303 – Rope Rescue Technician (will also meet May 22 & 23)

SCHEDULE

Friday, May 14
18:00 – 22:00 Classes Class Locations Will Be Sent With Confirmations

Saturday, May 15
07:00 – 08:00 Registration 08:00 – 12:00 Classes 12:00 – 13:00 Lunch & Vendors 13:00 – 17:00 Classes

Sunday, May 16
07:00 – 08:00 Registration 08:00 – 12:00 Classes 12:00 – 13:00 Lunch & Vendors 13:00 – 17:00 Classes

NOTE: Class times & locations for May 22nd & 23rd are still being worked out. They will be sent to you with your class confirmations sometime around May 1st.

Visit www.nkyess.org for additional information or to register

One Day Classes – Saturday Only

#101 – Flashover Simulator Training

This course teaches the student how to recognize the warning signs of impending flashover events and how to properly protect them self and their crew from a disastrous occurrence. The class begins with a classroom review of basic fire behavior as it pertains to flashover events, and then moves on to a simulator where students will be allowed to observe multiple flashovers in a controlled environment.

THIS COURSE INVOLVES EXPOSURE TO LIVE FIRE AND HIGH HEAT ENVIRONMENTS !!!

Full Turnout Gear Required with SCBA
Max Class size = 24

Lead instructor **Troy Webster, SFRT Area 7 Instructor**

#102 – Firefighter Survival

This course teaches the student how to prevent themselves from getting into a position where they need to be rescued, as well as several techniques that may be needed in the event that he or she should get into trouble and need to get themselves out. All participants are required to perform various practical evolutions to the satisfaction of the instructors in order to receive a certificate.

THIS IS A STRENUOUS AND PHYSICAL COURSE
BE PREPARED TO WORK AND SWEAT!!!

Full Turnout Gear Required with SCBA
Max Class size = 30

Lead instructor **Steve Oldendick, SFRT Area 7 Instructor**
 SFRT Area 6 Instructors

#103 – Aircraft Crash, Fire, and Rescue

This class will teach students how structural firefighting agencies can respond to fire & rescue incidents involving aircraft. ***Students will participate in live fire training evolutions using the Northern Kentucky/Greater Cincinnati International Airport's simulator.*** This high-tech propane-fueled training prop allows the instructors to simulate engine fires, wheel fires, and cabin fires in a safe and controlled environment. The firefighters from the airport will use their expertise in instructing this class.

Students must submit a letter signed by their department's Chief or Training Officer stating that they meet the minimum requirements outlined in NFPA 1403. Students without a signed statement will not be allowed to participate. Any deficiency in training

Visit www.nkyess.org for additional information or to register

must be addressed prior to the class. In order to provide for the safety of all people involved, a student who is found to be lacking the skills to safely complete this course may be denied participation regardless of any letter received. The Lead Instructor reserves all rights to deny a student from entering or participating in live burn scenarios.

Full PPE (including SCBA) Required

Max Class size = 30

Lead Instructor: NKGCIA Fire Department personnel

#104 – Structure Fires – Staffing, Tactics, & FF Survival

THIS IS A NEW COURSE DEVELOPED SPECIFICALLY FOR THIS YEAR'S FIRE SCHOOL. LINE AND STAFF OFFICERS WHO ARE INTERESTED IN FIREGROUND SAFETY SHOULD MAKE THIS A "MUST COME" CLASS!!!

Are we sacrificing proven methods in strategy and tactics when fighting structure fires? We have improved our personal protection and technology, but are we repeatedly violating tried and true principles? How does adequate staffing insure proper tactics that increase firefighter safety and survivability?

We will look at common patterns seen in 30 years of NIOSH reports that resulted in firefighter fatalities. We will use this information to retrospectively consider how firefighter survival was impacted by the strategy and tactics that were employed, and how this was affected by staffing levels. A common list of 25 factors will be explored so that we can learn from the experiences offered by others. We will investigate how inadequate staffing for pre-incident functions (fire code compliance enforcement, training, pre-incident planning, and administrative functions) negatively impacts firefighter survivability.

Max Class size = No Limit

Lead Instructor: Jeff Parker, SFRT Area 7 Instructor

#105 – Training Records Update

Representatives from the Fire Commission will be here to present information and answer questions about the new Training Records system that was implemented in 2009.

Max Class size = No Limit

**Lead Instructor: Mary Adams, Fire Commission
Paul Adams, Fire Commission**

Visit www.nkyess.org for additional information or to register

#106 – “McMansions” - What Are They & Why Do They Pose Such A Risk To The Fire Service?

In this class, students will discuss the construction of these houses and how the labor-saving techniques used to build them put firefighters at risk. Students will talk extensively about strategies/tactics that should be used to fight fires in these buildings, and why the same tactics that worked on homes built 30 years ago shouldn't be used today. From construction to size-up, and from interior attack options to case studies, when students walk away from this class they will have a better understanding of a “McMansion” and how these types of homes can threaten you and your department.

Students will receive training hours in the following categories in this class:

- BUILDING CONSTRUCTION
- SAFETY
- FIRE CONTROL
- VENTILATION

Max Class size = No Limit

Lead Instructor: **Asst. Chief Shaun Klaserner, Burlington Fire Prot. Dist.**

#107 – Modern Vehicle Systems vs. Extrication and Rescue Procedures

This class will introduce students to the problems of extrication and rescue involving modern vehicles, along with solutions to overcome the obstacles. Hybrid power systems, air bags and other passenger restraints, high strength alloys, etc. will be covered along with updated techniques and procedures to prevent injuries and make tactical operations more effective.

NOTE: This is a lecture class – there are no hands-on activities

Max Class size = No Limit

Lead Instructor: **Jonathon Morrissey, SFRT Area 7 Instructor**

One Day Classes – Sunday Only

#111 – Fire Instructor Bridge Course & Refresher

This class is required for Fire Instructors from other states to be certified through reciprocity in Kentucky. It will also provide 8 hours of required refresher training for currently certified instructors that can be applied to recertification requirements.

Max Class size = No Limit

Lead Instructor: **Clayton James, SFRT Area 7 Instructor**

Visit www.nkyess.org for additional information or to register

#112 – 8-hour Wildland Firefighting (S-190) Class

This is the 8 hour class that is required for the KCTCS degree program in Kentucky.

Students will learn the basics of Wildland Firefighting with a primary focus on personal safety. Students will be introduced to the terminology, tools, equipment, strategy, tactics, etc. involved in fighting wildland fires.

Max Class size = No Limit

Lead Instructor: Jonathon Morrissey, SFRT Area 7 Instructor

#113 – Firefighter Rescue

This course teaches ways the student can perform as part of a Rapid Intervention Team to rescue other firefighters who are in a bad situation. RIT formation and teamwork functions are strongly enforced. All participants are required to perform various practical evolutions to the satisfaction of the instructors in order to receive a certificate.

THIS IS A STRENUOUS AND PHYSICAL COURSE
BE PREPARED TO WORK AND SWEAT!!!

Full Turnout Gear Required with SCBA

Max Class size = 30

Lead Instructor: SFRT Area 6 Instructor Staff

#114 – CLASS CANCELLED

#115 – EMS Instructor Orientation Class

This is the required class for anyone interested in becoming a certified EMT Instructor in Kentucky.

Max Class size = No Limit

Lead Instructor: KBEMS Staff

#116 – Live Burn Training

Students will practice fire attack techniques using an acquired structure and live burn evolutions. This class will be conducted in strict accordance with NFPA 1403 and all other applicable regulations.

Students must submit a letter signed by their department's Chief or Training Officer stating that they meet the minimum requirements outlined in NFPA 1403. Students without a signed statement will not be allowed to participate. Any deficiency in training

Visit www.nkyess.org for additional information or to register

must be addressed prior to the class. In order to provide for the safety of all people involved, a student who is found to be lacking the skills to safely complete this course may be denied participation regardless of any letter received. The Lead Instructor reserves all rights to deny a student from entering or participating in live burn scenarios.

Full Turnout Gear Required with SCBA

Max Class size = 30

Lead instructor **Steve Oldendick, SFRT Area 7 Instructor**

Two Day Classes

#201 – Basics of Firefighting / Explorers

This class is designed primarily for new-comers into the fire service, including explorers, but can also serve as a review of the basics for a veteran firefighter or a re-entry type firefighter. Topics covered include fire chemistry, safety, ventilation, salvage, overhaul, hose and appliances. ***Hands on work in PPE & SCBA, ropes, ladders, and hose evolutions will allow the fire fighter to gain valuable practical experience.*** These subjects are taught by veteran fire fighters with years of experience in the fire service, and there is a heavy emphasis on safety. The combination of classroom and outside work results in a safe, pleasant, and enjoyable learning environment. Participation will enhance your knowledge and give you some practical experience as you begin (or continue) your journey through a fire service career.

Full Turnout Gear Required with SCBA

Max Class size = 40

Lead Instructors: **Lt. Keith Hammann, Alexandria Fire Department**

#202 – Engine Company Operations

This class will provide plenty of opportunities to practice typical (and not-so-typical) engine company evolutions using acquired structures. Students will learn various techniques to improve their proficiency, and gain confidence in their ability to adapt to unusual situations. Water Supply, Hose evolutions, Fire Streams, etc. will be covered.

PRE-REQUISITE: Must have Ky. 150 Hour Firefighter Certification

Full Turnout Gear Required with SCBA

Max Class size = 30

Lead Instructor: **Covington Fire Department Staff**

#203 – Basic Pump Operations

This class will give the firefighter a basic understanding of pump design and operation principles. Instruction will combine some classroom learning with a great deal of hands

Visit www.nkyess.org for additional information or to register

on practice. Students will learn general pump operation and maintenance principles, and then take that knowledge into the field to perform several pump operation skills utilizing various water sources and hose layouts.

Full Turnout Gear Required (No SCBA)

Max Class size = 30

Lead Instructor: Tony Crouch, SFRT Area 7 Instructor

#204 – Smoke Divers – Advanced SCBA

SCBA are our most vital PPE. Failure to master this basic piece of equipment will result in the failure of all other interior firefighting tasks and skills. This is a challenging course that will place the student in difficult situations that will exceed anything they will encounter in routine structurally firefighting. However, mastering these skills will increase the overall firefighter performance and safety.

Full Turnout Gear Required with SCBA

Max Class size = 30

**Lead Instructors: Chris Miller, Florence Fire & EMS
 Eric Seibel, Erlanger/Point Pleasant Fire & EMS**



#205 – NFA: Arson Detection For The First Responder

This course is designed specifically to provide a clear definition of the role of initial responder organizations, and to provide essential knowledge to enable them to recognize the potential of an intentionally set fire, preserve evidence, and properly report the information to appropriate officials. The course includes the following basic topics: fire behavior, critical observations of the first responder, fire cause, scene security and evidence preservation, legal considerations, and how to report findings properly to appropriate officials.

SELECTION CRITERIA: This training course is designed specifically for the firefighter who is inexperienced in arson detection and the preservation of evidence at the fire scene. It is not designed for the arson-experienced firefighter or investigator.

Max Class size = No Limit

Lead Instructor: Bill Engel – SFRT Area 7 Instructor



#206 – NFA: Incident Safety Officer

This 2-day National Fire Academy course examines the Safety Officer's role at emergency responses. A specific focus on operations within an Incident Command System (ICS) as a Safety Officer is a main theme. Response to all-hazards types of situations will be emphasized.

Visit www.nkyess.org for additional information or to register

Selection Criteria: Individuals who have a Safety Officer responsibility at emergency operation situations. Persons attending this course should have a working knowledge of the ICS, as taught by NFA, building construction principles, hazardous materials management, applicable NFPA guidelines, and Federal regulations.

Max Class size = No Limit

Lead Instructors: SFRT Area 7 Staff Instructor

#207 – NIMS ICS-400: Advanced Incident Command Systems

This course is designed to explain how major incidents can create special management challenges, describe the circumstances in which an Area Command is established, and describe the circumstances in which multiagency coordination systems are established.

All Federal/State/Local/Tribal/Private Sector & Nongovernmental personnel should take ICS-400, including persons who will serve as command or general staff in an ICS organization, select department heads with multi-agency coordination system responsibilities, area commanders, emergency managers, and multi-agency coordination system/emergency operations center managers.

PRE-REQUISITE: Completion of NIMS ICS-300

Max Class size = No Limit

Lead Instructors: Todd Schulkers – SFRT Area 7 Instructor

#208 – ATV & Farm Rescues

This course is designed to educate the rescuer on the proper techniques of “real life” rural and urban emergencies. Scenarios include farm machinery and heavy equipment rescues, ATV and lawn mower rescues, and many more. This course will feature classroom (with many real-life rescue pictures) and hands-on exercises.

Full Turn-Out Gear Or Extrication Suit Required.

Max Class size = 20

Lead Instructors: SFRT Area 13 Instructors

#209 – Mass Casualty Incident Management

This class will begin with a review of the Regional MCI Plan that was developed in 2009. After the plan review, a series of functional exercises will be completed. After each exercise, a comprehensive review of triage and treatment will take place.

Students will receive a total of 16 CEU hours in the following categories:

- TRIAGE / DISASTER MGMNT.
- MEDICAL EMERGENCIES
- TRAUMATIC EMERGENCIES
- MEDICAL PT. ASSESSMENT
- TRAUMA PT. ASSESSMENT
- SPECIAL OPERATIONS

Visit www.nkyess.org for additional information or to register

Max Class size = No Limit

Lead Instructors: **Tony Scheben, Hebron Fire & EMS**
Rob Butcher, Burlington Fire Protection District

#210 AND #211 HAVE BOTH BEEN CANCELLED

#212 – Fire Inspector Class

This class will introduce the student to the basic procedures for conducting a proper fire inspection and the general content of Kentucky's Fire Prevention Code, NFPA 1. The pertinent provisions of NFPA 101 (Life Safety Code) will be reviewed, with a focus on calculating Occupant Loads and Egress Capacities. Participants should try to bring a copy of the 2006 version of NFPA 1 and a calculator to class with them.

The Kentucky Certified Fire Inspector written test will be administered at the end of this class for anyone interested in taking it.

Max Class size = No Limit

Lead Instructors: **Ky. State Fire Marshal's Office Staff**

#213 – Fire & Life Safety Educator

This class will focus on the beginning Public Educator and will cover how to start a Public Education Program, what resources are available, how to address what type of Public Education Program your community will need, how to get funding, materials and other resources that may be available. The instructor will be Joseph "Fireman Joe" Stambush, who is the Past Chairman of the KFA & NKFA Pub Ed Committee and a well known Fire and Life Safety Advocate. You will learn how to use props like a Community Safety House or Hazard House, how to use special characters like puppets and Clowns, how to obtain and use NFPA Materials and Resources, where to go for help, and how to utilize people in your firehouse. You will also learn about specific programs such as Senior Citizen Programs, Risk Watch, Learn Not To Burn, Child Safety Seats, Fire Station Tours, Open Houses, School Programs, and other Fire & Life Safety Programs that are applicable for an audience age from 2 to 99.

This will be a very informative, relaxing and fun class. Come prepared to participate and have fun. This class will be offered as a two day class but we welcome participants for one or both days.

Max Class size = No Limit

Lead Instructor: **"Fireman Joe" Stambush, Edgewood Fire & EMS**

Visit www.nkyess.org for additional information or to register

#214 – NFPA 1403 Train-the-trainer Class

This class will follow the state mandated curriculum to qualify instructors to participate in live burn exercises. In addition, the students will actually participate as instructors for the “Structural Live Burn Training” class on Sunday so that they will gain actual hands-on experience with live fire training.

Full Turn-Out Gear Required with SCBA.

Max Class size = No Limit

Lead Instructors: SFRT Area 10 Instructors

Extended Length Classes

#301 – EMT Basic & Paramedic Refresher CEU's

NOTE: This class will begin on Friday evening, May 14 in addition to the Saturday and Sunday sessions. Times and location for Friday evening will be sent via e-mail along with your class confirmation.

This class will provide 20 hours of Continuing Education Units for EMT's, but the topics covered can also be used for Paramedic recertification as well. A more detailed list of specific topics and the class schedule will be posted by mid-April for you to review.

Max Class size = No Limit

Lead Instructors: TBA

#302 – Fire Instructor Level 1

NOTE: This class will also meet on May 22 & 23, with the final presentation and IFSAC Fire Instructor 1 written test being held on Sunday the 23rd. Written testing will require a separate fee of \$15 – instructions and requirements for submitting this fee will be covered the first day of class. Location of the class on May 22 & 23 will be included with your confirmation message.

Fire service personnel are entitled to appropriate professional training, and this class will provide you with the knowledge, skills, and abilities to be capable of instructing an organized and well prepared training course using a pre-approved lesson plan. To be certified as a KY level 1 Fire instructor you must be certified to at least the IFSAC FF2 level, successfully complete this 32 hour course, and pass the IFSAC Fire Instructor Level 1 written test. This demanding and insightful class will set you on a path for advancement in the Fire Service.

Visit www.nkyess.org for additional information or to register

You must pre-register for this class. There will be no walk-in registrations allowed.

Preference for this class will be given to firefighters who already have achieved their IFSAC FF2 certification. Those who have not completed that certification may be admitted into the class if there are spots available at the time of the registration deadline.

Max Class size = 20

Lead Instructor: Henry Goodrow, SFRT Area 6 Instructor

#303 – Rope Rescue Technician

NOTE: This class will also meet on May 22 & 23

This course (TRR: TL) integrates the most current technology and research on rope rescue that is available. It is a 4 day course designed to take students from basic over-the-bank rescues to progressively more vertical scenarios. Students will spend one day in the classroom and four days in the field learning and practicing techniques such as:

- Pre-planning and Size-up of rope rescue situations
- Scene management and organization
- Knots, hitches, and anchor systems
- Belaying, lowering, and raising systems
- Ascending and descending lines
- Mechanical advantage systems
- Patient packaging & litter attending
- Special problems and helicopter use
- Telphers and highlines

NOTE: A waiver is required for this class. Please bring a pair of work boots and leather gloves. Be prepared for long days and lots of hard work.

Max Class size = No Limit

Lead Instructor: Bart Powell, SFRT Area 15 Instructor

WORKING TOGETHER

TO MAKE NORTHERN KENTUCKY BETTER!!!



For Further Information Visit Our Website

www.nkyess.org

Or Contact:

State Fire Rescue Training Area 7

1-888-306-8101 / (859) 441-6859

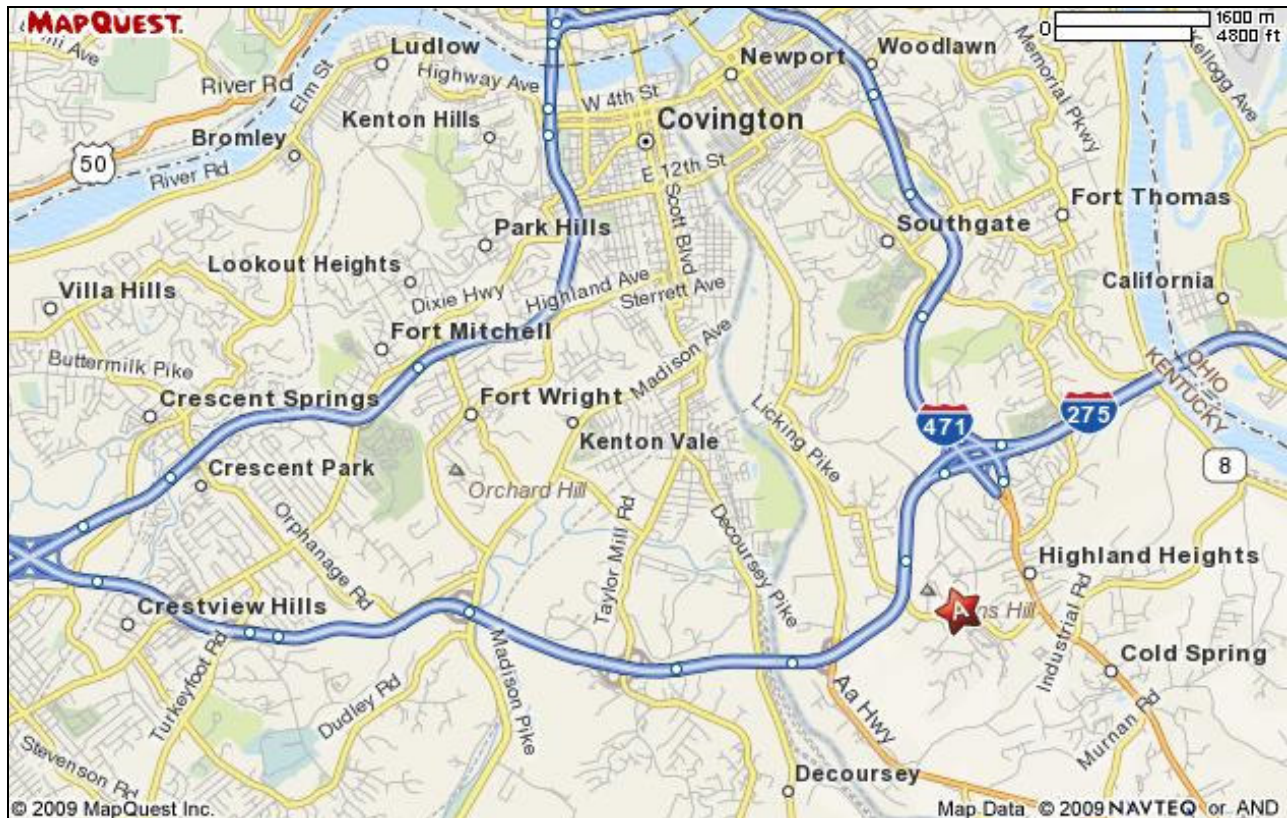
bill.birkle@kctcs.edu

darlene.west@kctcs.edu



SCHOOL LOCATION:

This year's school will be based in the Student Center on the campus of Northern Kentucky University. The NKESS Committee would like to extend our heartfelt thanks to NKU for all their assistance and support for our school. Their cooperation and commitment are vital to our success.



For additional maps & directions: <http://www.nku.edu/campusmaps/directions.php>

Visit **www.nkyess.org** for additional information or to register



HOST HOTEL:

Country Inn & Suites

10 Country Drive, Wilder, KY 40176

859-441-3707

www.countryinn.com/wilderky

When calling for reservations let them know that you are there for the NKESS and you will receive a special room rate of \$89 per night (+ taxes). We have several rooms blocked and the rate will only apply until they are all booked, please call early.

The NKESS Committee would like to recognize the following associations and agencies for their help and support every year:

**NORTHERN KENTUCKY FIREFIGHTERS ASSOCIATION
BOONE COUNTY FIRE CHIEFS ASSOCIATION
CAMPBELL COUNTY FIREFIGHTERS EDUCATIONAL ASSOCIATION
KENTON COUNTY FIRE CHIEFS ASSOCIATION
STATE FIRE RESCUE TRAINING – AREA 7**

Thanks to them we are able to provide high quality training to emergency responders in Northern Kentucky!

FIRE SCHOOL SPONSORS

The Fire School Committee would like to thank our corporate sponsors for their support and assistance. Without their help we could not continue to provide the type of quality training and education that you have grown to expect from the Northern Kentucky Emergency Service School. Please support them in return.

SPONSOR INFORMATION WILL BE ADDED TO OUR WEBSITE AS THEY ARE SIGNED UP. PLEASE CHECK www.nkyess.org TO FIND THAT INFO

Visit www.nkyess.org for additional information or to register